

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	417	(((((bio or biological) near2 (fuel adj cell)) or (biofuel adj cell)) or ((organic near2 waste) with (fuel adj cell))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 09:16
L5	1	L4 and ((storage with battery) and ((air or oxygen) with pump))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 09:16
L6	317	((((fuel adj cell) near2 system) and ((storage with battery) and ((air or oxygen) with pump))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 09:17
L7	457	(((((bio or biological or biochemical) near2 (fuel adj cell)) or (biofuel adj cell)) or ((organic near2 waste) with (fuel adj cell))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 09:43
L8	57	7 and (catalyst with ((precious adj metal) or platinum or gold or silver or palladium))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 09:44
L9	5	"5,660,940"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 09:49
L10	75	7 and (catalyst with electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:06
L11	47069	((fuel adj cell) and (separator or diaphragm or partition or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:25
L12	291	L11 and (PUR! or (polyurethane near2 foam))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:25
L13	13	L12 and ((PUR! or (polyurethane near2 foam)) same (fiberglass or (sintered near2 glass) or (glass near2 fiber)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:27

## EAST Search History

L14	22	((fuel adj cell) and ((PUR! or (polyurethane adj foam)) with (separator barrier membrane)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:35
L15	3703	"429"/\$.ccls. and (AGM glassmat (glass near3 fibre) (glass near3 fiber) fiberglass)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 11:05
L16	870	15 and (fuel adj cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 11:05
L17	98	16 and ((separator partition) with (AGM glassmat (glass near3 fibre) (glass near3 fiber) fiberglass))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 11:05
L18	12	17 and (PUR! or polyurethane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 11:06
L19	5	((JAN) near2 (GERRITSE)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/04 11:18
L20	2	((MACHIEL) near2 (SAAKES)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/04 11:19
L21	2	((ALFONS) near2 (STAMS)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/04 11:19
S1	0	"10519548"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/19 11:01
S2	1	"10519548".rlan. or ("10".src. and "519548".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2008/05/19 11:01
S3	98	429/2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/19 11:02
S4	68	S3 and (fuel adj cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/19 11:02

## EAST Search History

S5	2	"62256382"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/19 11:06
S6	12	"981803"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/19 11:07
S7	74	(bio near2 (fuel adj cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/20 11:13
S8	140	(bio\$5 near2 (fuel adj cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/20 11:13
S9	85	S8 and ((organic or bio or biological) near2 (fuel or waste))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/20 11:14
S10	0	S9 and ((separator or partition or wall) with ((plastic or glass) near2 fiber))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/05/20 11:15
S11	26	S9 and (separator or partition or wall)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/05/20 11:16
S12	136	((bio or biological) near2 (fuel adj cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/20 11:18
S13	201	((bio\$5 or biological) near2 (fuel adj cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/20 11:18
S14	140	S13 and ((organic or bio or biological) near2 (fuel or waste))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/20 11:19
S15	19	S14 and (separator or partition)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/05/20 11:19
S16	32	S13 and (separator or partition)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/05/20 11:19

## EAST Search History

S17	268	((bio or biological) near2 (fuel adj cell)) or (biofuel adj cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/21 13:11
S18	14	S17 and (bipolar)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/21 13:12
S19	12	"981803"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/02 13:06
S20	1	"0981803"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/02 13:07
S21	275	((bio or biological) near2 (fuel adj cell)) or (biofuel adj cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/02 14:21
S22	167	S21 and (separator or partition or membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/02 14:21
S23	2	S22 and (fiberglass or (fiber near2 glass))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/02 14:34
S24	7	S21 and ((separator or partition or membrane) with (non\$1woven or nonwoven or (non near2 woven)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/02 14:36
S25	2	"4,294,891".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/02 14:39
S26	2	S21 and ((separator or partition or membrane) with ((glass or plastic) near3 fiber))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/02 14:40
S27	278	((bio or biological) near2 (fuel adj cell)) or (biofuel adj cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/02 14:45
S28	334	((bio or biological) near2 (fuel adj cell)) or (biofuel adj cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 14:45

## EAST Search History

S29	226	S28 and (separator or diaphragm or partition or membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 14:46
S30	5	S29 and (fiberglass or (fiber near2 glass))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 14:46
S31	11	S29 and ((separator or diaphragm or partition or membrane) with (non\$1woven or nonwoven or (non near2 woven)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 14:47
S32	2	S29 and ((separator or partition or membrane) with ((glass or plastic) near3 fiber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 14:48
S33	2	S29 and ((separator or diaphragm or partition or membrane) with ((glass or plastic) near3 fiber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 14:48
S34	417	(((((bio or biological) near2 (fuel adj cell)) or (biofuel adj cell)) or ((organic near2 waste) with (fuel adj cell))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 15:20
S35	248	S34 and (separator or diaphragm or partition or membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 15:20
S36	47050	((fuel adj cell) and (separator or diaphragm or partition or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 16:20
S37	6	S36 and ((sintered near2 glass) same (fiberglass or (glass near2 fiber) or (fiber near2 glass) or (glass near2 mat) or AGM))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 16:22
S38	417	(((((bio or biological) near2 (fuel adj cell)) or (biofuel adj cell)) or ((organic near2 waste) with (fuel adj cell))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 14:22

## EAST Search History

S39	2	S38 and (humic near2 acid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 14:22
S40	108	S38 and (electron near2 (transfer\$3 or mediator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 14:56
S41	8	S40 and anthraquinone\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 14:56
S42	1	S38 and anthraquinone\$1disulfonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 14:58
S43	26	S38 and (soil or (ground near2 water))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 14:58
S44	119	429/2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 15:01
S45	37	S44 and (electron near2 (transfer\$3 or mediator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 15:02
S46	1480	"429"/\$.ccls. and (electron near2 (transfer\$3 or mediator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 15:03
S47	0	S46 and ((transfer or mediator) with (humic or anthraquinone\$1disulfonic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 15:04
S48	3	S46 and ((transfer or mediator) with (humic or (anthraquinone near2 disulfonic)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 15:04

## EAST Search History

S49	5	S46 and (anthraquinone\$1 near2 disulfonic near2 acid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 15:05
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